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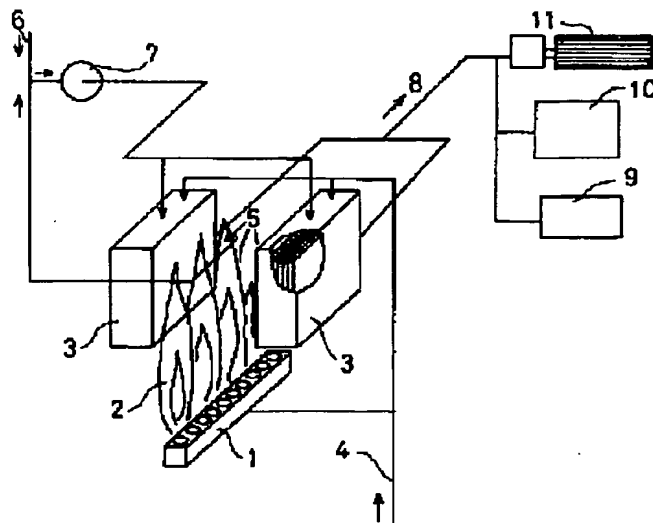
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TITLE : COMBUSTION EQUIPMENT



ABSTRACT : **PURPOSE:** To provide a combustion equipment with which electric power supply from outside can be dispensed and by which an apparatus installing place is not restricted and convenience in use can be improved and reliability against unexpected power failure or the like can be also improved.

CONSTITUTION: A high temperature fuel cell type power generating element 3 is arranged in combustion flames 2 or very close to them, and an operation temperature of the high temperature fuel cell type power generating element 3 is held by heat of the flame 2, and electric power is generated by using raw material fuel gas 4 for a combustion equipment 1 or unoxidized hydrocarbon, hydrogen, radical or the like existing in the flames 2 as fuel. The generated electric power 8 of the high temperature fuel cell type power generating element 3 is supplied to an electronic circuit 10, a motor-driven fan 11 and a storage battery 9 used for starting and backup.

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